THE UNITED STATES PATENT AND TRADEMARK OFFICE



TRANSMITTAL FORM

(to be used for all correspondence after filing)

Total number of Pages in this submission

Application Number	10/017,327
Filing Date	December 6, 2001
First Named Inventor	Charles A. NICOLETTE
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket No.	GZ 2101.20

Commissioner for Patents Washington, D.C. 20231

ENCLOSURES (check all that apply)					
FEE TRANSMITTAL FORM	□ ASSIGNMENT PAPERS	☐ AFTER ALLOWANCE			
☐ FEE ATTACHED	(FOR AN APPLICATION)	COMMUNICATION TO GROUP			
☐ AMENDMENT/RESPONSE	☐ DRAWING(S)	☐ APPEAL COMMUNICATION TO BOARD			
☐ AFTER FINAL	☐ LICENSING-RELATED	OF APPEALS AND INTERFERENCES			
☐ Affidavits' Declaration(s)	PAPERS				
ATTIDATITS DECEMENTION(5)	☐ PETITION ROUTING SLIP				
☐ EXTENSION OF TIME	(PTO/SB/60) AND	☐ APPEAL COMMUNIATION TO GROUP			
EXTENSION OF TIME	ACCOMPANYING	(Appeal Notice, Brief, Reply Brief)			
	PETITION)				
☐ EXPRESS ABANDONMENT REQUEST	☐ TO CONVERT A	☐ PROPRIETARY INFORMATION			
	PROVISIONAL				
	APPLICATION				
■ Information Disclosure	☐ POWER OF ATTORNEY,	☐ STATUS LETTER			
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McCutchen, doyle, brown & enerse	EN LLP DATE: JANUARY 15	_, 2002			
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ior raterits, washington, D.C. 2023, on this date: Ja	anuar <u>* - </u>				
By: Name of person signing: Jocelyn L. Lee					

Certificate of Mailing/Transmission (37 C.F.R. § 1.8(a)): [X] Pursuant to 37 C.F.R. § 1.8, I hereby certify that this paper and all enclosures are being deposited with the United States Postal Service as first class mail on he date indicated below in an envelope addressed to the Commissioner for Patents, Washington D.C. Name of Person Certifying: Dated: January Printed Name: Jocelyn L. Le IN THE UNITED STATES PATENT AND TRADEMARK OFFICE In re Application for: Charles A. Nicolette Examiner: Unassigned Serial No.: 10/017,327 Group Art Unit: Unassigned Filing Date: December 6, 2001 COMPOUNDS FOR THERAPY AND For: DIAGNOSIS AND METHODS FOR **USING SAME** Commissioner for Patents Washington, D.C. 20231 INFORMATION DISCLOSURE STATEMENT Sir: In accordance with 37 C.F.R. § 1.56, the references listed on the attached Form PTO-1449 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. I. Timing of the Information Disclosure Statement: This Information Disclosure Statement is filed: With the new patent application submitted herewith (37 C.F.R. § 1.97(a)). Within three months after the filing date of the application or within three months \boxtimes after the date of entry of the national stage of a PCT application as set forth in

> Before the mailing date of a first Office action on the merits. In the event, however, that an Office Action has crossed in the mail with this Information Disclosure Statement, the Commissioner is hereby authorized to charge

Deposit Account No. 50-1189 for any fees required pursuant to

37 C.F.R. § 1.491.

37 C.F.R. §§ 1.17(p) or 1.17(i)(1).

This Informat	ion Disclosure Statement is filed:
	After the first Office Action and more than three months after the application's filing date; or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final rejection or a notice of allowance, whichever occurs first, and the Commissioner is hereby authorized to charge Deposit Account No. 50-1189 for the fee (\$180) set forth in 37 C.F.R. § 1.17(p) and any additional required fees.
This Informat	ion Disclosure Statement is filed:
	After the mailing date of either a final rejection or a notice of allowance, whichever occurred first, and is accompanied by the fee (\$180.00) set forth in 37 C.F.R. § 1.17(i)(1) and a certification as specified in 37 C.F.R. § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the Information Disclosure Statement.
The undersign	ned certifies that:
	Each item of information contained in the Information Disclosure Statement was first cited in any communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
	No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.
II. Copies of	the Cited Items:
	Copies of all of the items listed on the attached Form PTO-1449 are enclosed.
	Copies of only the following items listed on the attached Form PTO-1449 are enclosed:
	Copies of all items in the attached Form PTO-1499 are not supplied because they were previously cited by or submitted to the Patent Office in a prior Application No. 09/870,216, filed May 30, 2001 and relied upon in this application for an earlier filing date under 35 U.S.C § 120. See 37 C.F.R. § 1.98(d).
	Copies of those items which are marked with an asterisk (**) in the attached Form PTO-1499 were cited in a foreign examination report in a related case. A copy of the search report and the cited references not already of record in this application are attached hereto.

Docket No. GZ 2101.20 Serial No. 10/017,327 GZ Ref.: 5028US P1

III. Concise Explanation of Relevance:

\boxtimes	A concise explanation of relevance of the items listed on Form PTO-1449 is not
	given.

A concise explanation of relevance of [some of] the items listed on Form PTO-1449 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references (copy attached).

IV. Conclusion:

Citation of the above documents shall not be construed as:

- 1. an admission that the documents are necessarily prior art with respect to the instant invention;
- 2. a representation that a search has been made, other than as described above; or
- an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO 1449 with initials or other appropriate marks.

The Commissioner is hereby authorized to charge Deposit Account No. <u>50-1189</u>, Billing Ref.: <u>19442-7247</u> for any additional fees required in connection with the filing of this Information Disclosure Statement.

DATE

Respectfully submitted,

Antoinette F. Konski

Registration No.: 34,202

Michele Todd Wasmuth Registration No. 43,239

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> Docket No. GZ 2101.20 Serial No. 10/017,327 GZ Ref.: 5028US P1

Form PTO-1449

Docket No. GZ 2101.20

Appl. No. 10/017,327

Applicant(s)

Charles A. NICOLETTE

STATEMENT

Filing Date: December 6, 2001

Group Art Unit: Not Yet Assigned

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date (if appropriate)
	1.	07/28/87	4,683,195	Mullis et al.			
	2.	07/28/87	4,683,202	Mullis			
	3.	06/28/88	4,754,065	Levenson et al.			
	4.	01/24/89	4,800,159	Mullis et al.			
	5.	08/08/95	5,440,013	Kahn			
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FOREIGN PATENT DOCUMENTS

Éxaminer Initials	Ref.	Date	Document No.	Name	Class	Subclass	Tran YES	slation NO
Trittalo	7.	08/01/96	WO 96/23060	The Government of the United States of America				

OTHER DOCUMENTS

(including author, title, date, pertinent pages, etc.)

Examiner	Ref	Title
Initials	No.	
	8.	Altman, J.D. et al., "Phenotypic analysis of antigen-specific T lymphocytes" (1996) Science 274(5284):94-96
	9.	Bertoni, R. et al., "Human class I supertypes and CTL repertoires extend to chimpanzees" (1998) <i>J. Immunol.</i> 161 :4447-4455
	10.	Boczkowski, D. et al., "Dendritic cells pulsed with RNA are potent antigen-presenting cells in vitro and in vivo" (1996) <i>J. Exp. Med.</i> 184 :465-472
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Form PTO-144	19 RIDEMARK OF BY	Docket No. GZ 2101.20	Appl. No. 10/017,327					
	RIDEMARK	Applicant(s)						
INFORM	NATION DISCLOSURE STATEMENT	Charles A. NICOLETTE						
		.Filing Date: December 6, 2001	Group Art Unit: Not Yet Assigned					
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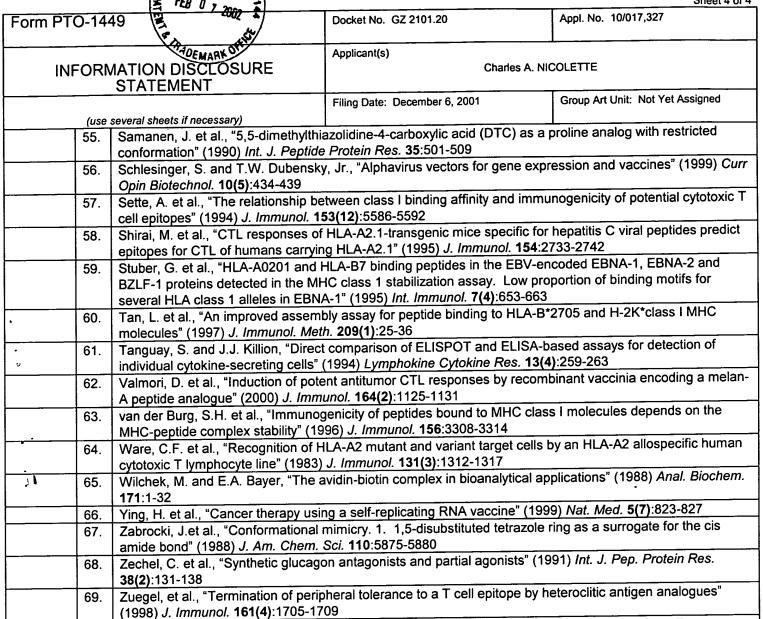


Appl. No. 10/017,327 Docket No. GZ 2101.20 Form PTO-1449 Applicant(s) INFORMATION DISCLOSURE Charles A. NICOLETTE STATEMENT Group Art Unit: Not Yet Assigned Filing Date: December 6, 2001 (use several sheets if necessary) Kemp, D.S. and T.P. Curran, 11S)-1-acetyl-1, 4-diaza-3-keto-5-carboxy-10-thia-tricyclo-[2.8.0 4.8]-ridecane, 1 the preferred conformation of 1 (1= α temp-OH) and its peptide conjugates α temp-L-(Ala)_n-OR (n=1 to 4) and α -temp -L-Ala-L-Phe-Lys(εBoc)-L-Lys(ε-Boc)-NHMe studies of templates for α-helix formation" (1988) Tetrahedron Lett. 29(39):4935-4938 Kemp, D.S. and J.S. Carter, "Amino acid derivatives that stabilize secondary structures of polypeptides. 4. Practical synthesis of 4-(alkylamino)-3-cyano-6-azabicyclo[3.2.1]oct-3-enes (ben derivatives)as γ-turn templates" (1989) J. Org. Chem. 54:109-115 McGrory, W.J. et al., "Short communications: A simple technique for the rescue of early region I mutation into infectious human adenovirus type 5" (1988) Virology 163:614-617 Merrifield, R.B., "New approaches to the chemical synthesis of peptides" (1967) Recent Progress in 39. Hormone Res. 23:451-482 Miyake, A. et al., "Synthesis and angiotensin converting enzyme inhibitory activity of 1,2,3,4-40. tetrahydroisoquinoline-3-carboxylic acid derivatives" (1984) J. Takeda Res. Labs. 43(3/4):53-76 Mosier, D.E. et al., "Resistance to human immunodeficiency virus 1 infection of SCID mice reconstituted 41. with peripheral blood leukocytes from donors vaccinated with vaccinia gp160 and recombinant gp160" (1993) PNAS. USA 90:2443-2447 Muzcyzka, "Use of adeno-associated virus as a general transduction vector for mammalian cells" (1992) 42. Curr. Top. Microbiol. Immunol. 158:97-129 Nagai, U. and K. Sato, "Synthesis of a bicyclic dipeptide with the shape of β-turn central part" (1985) 43. Tetrahedron Lett. 26(5):647-650 Nair, S.et al., "Soluble proteins delivered to dendritic cells via pH-sensitive liposomes induce primary , **1** 44. cytotoxic T lymphocyte responses in vitro" (1992) J. Exp. Med. 175:609-612 Olson, G.L. et al., "Design and synthesis of a protein β-turn mimetic" (1990) J. Am. Chem. Soc. 112:323-45. 333 Paglia, P. et al., "Murine dendritic cells loaded in vitro with soluble protein prime cytotoxic T lymphocytes 46. against tumor antigen in vivo" (1996) J. Exp. Med. 183:317-322 Pardoll, D.M., "Cancer vaccines" (1998) Nature Med. 4(5 Suppl.):525-531 47. Parker, et al., "Sequence motifs important for peptide binding to the human MHC class I molecule, HLA-A2" 48. (1992) J. Immunol. 149(11):3580-3587 Parker, K.C. et al. (1995) "Peptide Birding to MHC Class 1 Molecules: Implications for Antigenic Peptide 49. Prediction" Immunol. Res. 14:34-57 Parkhurst, M.R. et al., "Improved induction of melanoma-reactive CTL with peptides from the melanoma antigen gp100 modified at HLA-A*0201-binding residues" (1996) J. Immunol. 157:2539-2548 al-Ramadi, B.K. et al., "Lack of strict correlation of functional sensitization with the apparent affinity of 51. MHC/peptide complexes for the TCR" (1992) J. Immunol. 155(2):662-673 Rill, D.R. et al., "An approach for the analysis of relapse and marrow reconstitution after autologous marrow 52. transplantation using retrovirus-mediated gene transfer" (1992) Blood 79(10):2694-2700 Rouse, R.J.D. et al., "Induction in vitro of primary cytotoxic T-lymphocyte responses with DNA encoding 53. herpes simplex virus proteins" (1994) J. Virol. 68(9):5685-5689 Salazar, E. et al., "Agonist peptide from a cytotoxic T-lymphocyte epitope of human carcinoembryonic 54. antigen stimulates production of TC1-type cytokines and increases tyrosine phosphorylation more efficiently than cognate peptide" (2000) Int. J. Cancer 85:829-838

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Zweerink, H.J. et al., "Presentation of endogenous peptides to MHC class I-restricted cytotoxic T

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